

United States Environmental Protection Agency  
Pollution Report

EPA Region 5 Records Ctr.



226216

I. HEADING

DATE: April 13, 1999

SUBJECT: Pollution Report for the Toledo Tie Treatment Site, Toledo, Lucas County, Ohio.

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POLREP NO. 36 (see attachments)

II. BACKGROUND

Site Number	A563
Response Authority	CERCLA
CERCLIS ID Number	MID980794655
NPL Status	None
CERCLA Incident Category	Removal (PRP lead pursuant to UAO)
Latitude/Longitude	41°38'N/83°37'W
Start Date	October 1, 1997
Completion Date	TBD

III. SITE INFORMATION

See POLREP #1.

IV. RESPONSE INFORMATION

A. Current Situation:

IT Corporation (IT) continues to transport and dispose of creosote contaminated soil, sediment and debris at the Peoria Disposal Company (PDC) facility in Peoria, IL. IT continues to excavate north of Frenchmens Road within the lagoon excavation limits. Dewatering of Williams Ditch and of the excavation is ongoing. The water from the excavation is treated in the wastewater treatment system consisting of carbon adsorption. Backfilling activities in the excavation are ongoing, including installation of the clay plug and the liner along the sidewalls. Attachment No. 1 includes a site map showing excavation

limits and general site features.

Olander, subcontractor of IT, mobilized on site to begin slip-line activities in the storm sewer along Arco Dr. Geo-Gradel, subcontractor of IT, replaced the water line running parallel and immediately south of Frenchmens Road.

IT collected upwind and downwind site perimeter air samples on a basis of two times per week. The upwind air samples demonstrated concentrations below the method detection limits of 5 ppb for benzene and 3 ppb for naphthalene. The following table shows the results for downwind samples between February 5, 1999 and March 24, 1999:

Constituent	# of Samples	# of Non-Detect	Ave. Result (ppb)	Highest Result (ppb)	ODH <sup>1</sup> Advisory Level (ppb)	OSHA PEL (ppb)	
Benzene	12	12	ND <sup>2</sup>	ND	5.5	1000	
Naphthalene	12	10	6	20	8	10,000	

<sup>1</sup>ODH - Ohio Department of Health

<sup>2</sup> ND - Below Detection Limits

B. Actions Taken:

Between March 7, 1999 and April 9, 1999, IT loaded 108 (approximately 2,484 tons) trucks with waste soil, sediment and debris for disposal.

On March 17, 1999, IT began backfill operations within the City of Toledo right-of-way. Attachment No. 2 shows the backfill operation within the right-of-way.

On March 24, 1999, Hull & Associates, Inc. (HAI) collected a composite sample from the asphalt stockpile. The samples were analyzed for PAHs, arsenic and chromium. While excavating the water line trench, creosote lenses were observed in the silty clay. Attachment No. 3 and Attachment No. 4 show creosote lenses within the silty clay.

On March 25, 1999, IT excavated two test pits: the backfilled area immediately west of the storm sewer and the south bank of Williams Ditch, north of Frenchmens Road. Creosote finger sized seeps were encountered at a depth of three feet into the clay (approximately eight feet below ground surface) within each test pit location.

During the period of April 5, 1999 to April 9, 1999, Olander mobilized supplies and equipment and fused HDPE pipe.

During the period of April 7, 1999 to April 9, 1999, Geo-Gradel replaced the water line parallel and immediately south of Frenchmens Road. Creosote was observed within the water line trench.

C. Next Steps:

1. Geo-Gradel will test and chlorinate the water line.
2. IT will continue to line the excavation walls with HDPE liner and backfill with clean material.

3. Slip-line storm sewers underneath Arco Drive.
4. IT will continue removal actions of a former lagoon underneath Frenchmens Road.
5. Kerr-McGee will submit letters to the U.S. EPA outlining its proposed remedies as well as a request for a schedule extension.

D. Key Issues:

On March 31, 1999, a meeting took place on-site between the US EPA, START, KM, HAI and IT. The US EPA and KM entered into an agreement in which IT will excavate within the excavation limits to the clay then perform test pits approximately four feet deep every 30 feet to verify that no major pockets of creosote exist. They agreed that finger size creosote seeps do not have to be excavated.

V. COST INFORMATION

Toledo Tie Treatment Cost (Estimated costs through 4/9/99)

Personnel	Budget	Used to Date	Remaining
START Contractor	\$212,500	\$179,227.83	\$33,272.17

VI. DISPOSITION OF WASTES

As of April 9, 1999, a total of 488,605 gallons of nonhazardous, non-regulated liquid and 59 drums and one roll-off box containing nonhazardous, non-regulated solid were transported by Inland Waters for treatment and landfill disposal, respectively, at City Environmental, Inc. As of April 9, 1999, approximately 20,516 tons of impacted soil and sediment have been transported to the PDC facility for landfill disposal.